

# Lake Trafford Critical Restoration Phase III Dredging

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- **Phase III Dredging of Lake Trafford will provide restoration of water quality by removing approximately 2,090,000 in-place cubic yards of sediment from 1,106 acres of the lake**
  - **removal of suspended muck up to 4 feet in thickness**
  - **Removal of cohesive (sticky) muck up to 6 inches in thickness**





Cell L-8 Point 03.JPG



Cell L-8 Point 04.JPG

# Inspection of Dredged Cell

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# SOUTH FLORIDA WATER MANAGEMENT DISTRICT



- Start date: 6/1/2009
- % of dredge area complete: 100%
- Estimated end date: 12/28/10
- Contractual end date 3/22/2011
- Contract Value: \$7,461,664
- Current Dollars  
expended(thru Nov 30): \$7,120,136





# Wildlife Awareness



## **Issues along the way:**

- Rains have raised the Lake water level, but create high groundwater south of the CDF
- Contractor has encountered man made debris that has slowed operations
- Suspended muck is not stationary and can be affected by the elements.



## Lake Trafford Lake Level Monthly Averages

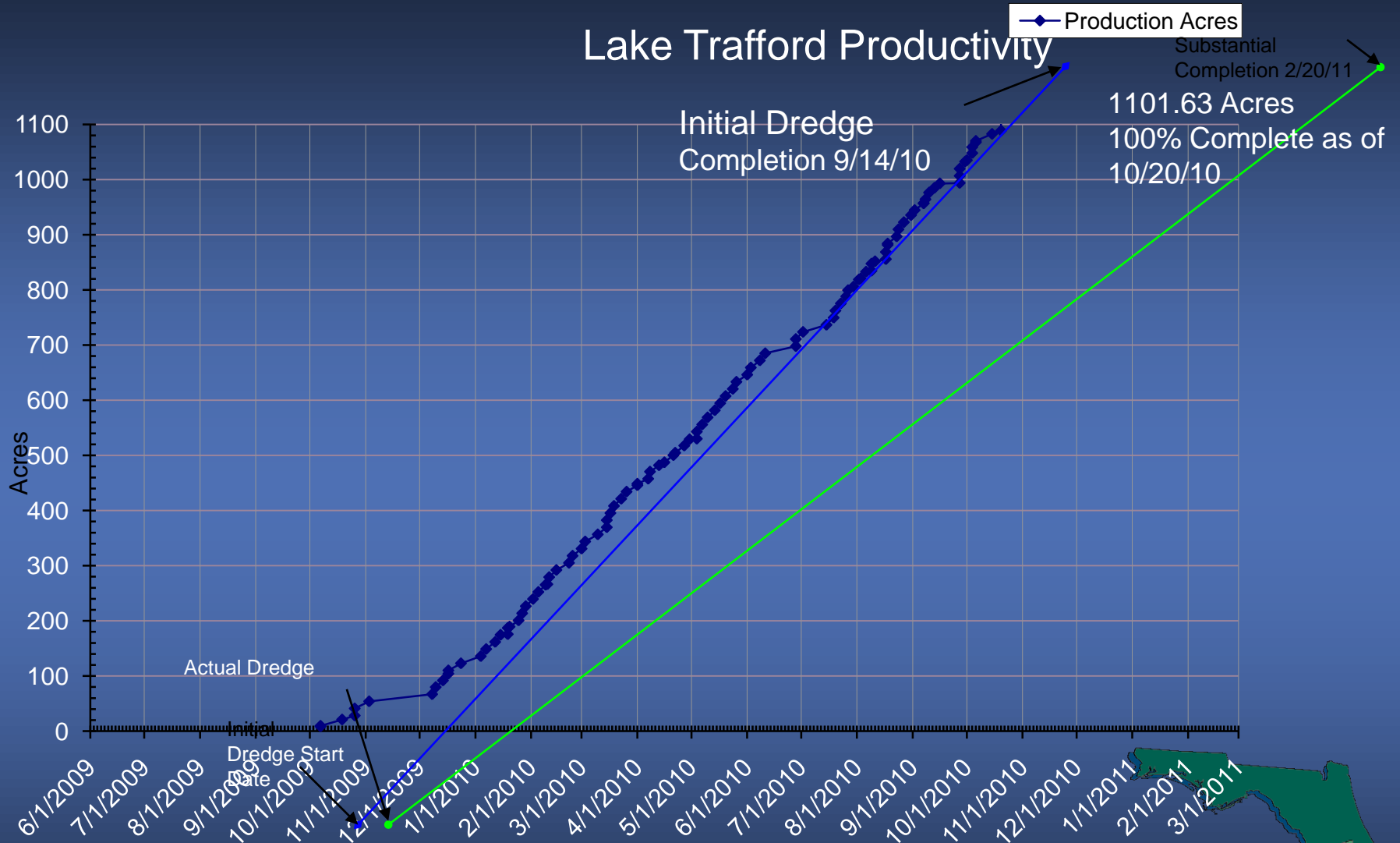


Water Levels with rainy dry season

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## Production Improvement

Date

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Questions ??

